

PRIKJONSKIY, Viktor Aleksandrovich; RADIONOV, N.V., redaktor; SERGHEYEVA,
N.A., redaktor; GUROVA, O.A., tekhnicheskii redaktor.

[Soil mechanics] Grutovedenie. Izd.3-e, perer. i dop. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane neдр.
Part. 1. 1955. 429 p. [Microfilm] (MLRA 9:1)
(Soils (Engineering))

VASIL'YEV, P.I.; LEBOVA, R.G.; PODVAL'NAYA, P.L.; ROZOVSKAYA, G.V.;
RYANICHEVA, M.I.; SILINA, O.M.; TITOV, V.I.; TIKHONOVA, N.A.
SERGEYEVA, N.A., redaktor izdatel'stva; GORDIYENKO, Ye.B.,
~~tekhnicheskii redaktor~~

[Methods in chemical analysis of mineral ores] Metody khimicheskogo
analiza mineral'nogo syr'ia. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po geologii i okhrane neдр. No.1. 1955. 77 p. (MLRA 9:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy insitut mineral'-
nogo syr'ia.

(Ores--Analysis)

GALAKTIONOV, V.D., kand.geol.-min.nauk; GORETSKIY, G.I., doktor geol.-min.nauk; DURANTE, V.A., kand.tekhn.nauk; ZUBKOVICH, M.Ye., kand.geol.-min.nauk; KAVEYEV, T.S., kand.geol.-min.nauk; POKROVSKAYA, N.M., kand.geol.-min.nauk; BRASHNINA, A.N., inzh.; YEGOROV, S.N., inzh.; KUMSKOVA, O.G., inzh.; LOVETSKIY, Ye.S., inzh.; MAMENKO, G.K., inzh. MILIKHIKER, Sh.G., inzh.; SINYAKOV, N.P., inzh.; SERGEYEVA, N.A., red.; VORONIN, K.P., tekhn.red.

[Geology of the Volga-Don Canal region] Geologiya raiona sooruzhenii Volgo-Dona. Pod red. V.D.Galaktionova. Moskva, Gos.energ.izd-vo, 1960. 416 p. fold.col.map. (MIRA 13:10)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk.
(Volga-Don Canal region--Geology)

KLYACHKO, B.I., kand. tekhn. nauk; SERGEYEVA, N.D., inzh.; PERMYAKOV, B.A.,
inzh.; IVANOV, B.V., inzh.

Corrosion of low-temperature heating surfaces of boilers operating
on mazut with high sulfur content. Teploenergetika 10 no.8:33-38
Ag '63. (MIRA 16:8)

1. Vsesoyuznyy teploekhnicheskii institut.
(Boilers—Corrosion)

SERGEYEVA, N.D., inzh.; PERMYAKOV, B.A., inzh.; KLYASHKO, B.I., kand.
tekhn. nauk; PETROSYAN, R.A., kand. tekhn. nauk

Contamination factor and use of the convective heating surfaces
of boilers with led shot cleaning, operating on high-sulfur
mazut. Teploenergetika 10 no.10:33-41 0'63 (MIRA 17:7)

1. Vsesoyuznyy teplotekhnicheskii institut.

Prof. D. A., kand. tekhn. nauk; S. P., inzh.

Investigation of low temperature corrosion in the burning of
sulfur-bearing mazut. Teploenergetika 12 no.2:55-59 P 165.
(SIRA 18:2)

1. Vsesoyuznyy teplotekhnicheskii institut.

NOVAKOV, A.A.; YERINOV, N.I.

inspection of the ... with the use
of ... (MIA 17:12)

1. ... in ...

BURKHGALTER, V.I.; PIROZHNIY, L.N.; SAZHIN, B.I.; SERGEYEVA, N.I.

Study of polymerization kinetics of polyacrylates by the methods
electric conductivity, infrared spectroscopy, and viscosimetry.
Vysokom. soed. 6 no.1:118-121 Ja'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh
plastmass.

L 1136-66 EWT(m)/EPF(c)/T/EMP(t)/EMP(b)/EWA(c) IJP(c) JD, 3

ACCESSION NR: AP5021679

UR/0192/65/006/004/0643/0645

538.113

AUTHOR: Litovkina, L. P.; Meyl'man, M. L.; Andrianov, V. G.; Sergeyeva, N. I.

TITLE: Electron paramagnetic resonance of Cr^{3+} ions in single crystals of MgMoO_4

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 4, 1965, 643-645

TOPIC TAGS: electron paramagnetic resonance, metal crystal, crystal structure, chromium, magnesium, molybdenum, magnetic susceptibility, crystallography

ABSTRACT: A study was made of the spectrum of the electron paramagnetic resonance of Cr^{3+} ions in MgMoO_4 crystals, synthesized at atmospheric pressure, at a frequency of 9.4 megacycles at room temperature. The concentration of chromium in the melt was approximately 0.06%. The presence of five physically non-equivalent systems of ions was established. Two of these (the so-called basic ionic systems) had a sufficient intensity of resonance transitions and were studied in detail. Experimental results indicate that MgMoO_4 crystals belong to the monoclinic system and that their symmetry belong to one of the three point groups: $2(C_2)$, $m(C_s)$, or $2/m(C_{2h})$. The results obtained were verified by X-ray

L 1136-66

ACCESSION NR: AP5021679

3

methods. Independently of the results of the electron paramagnetic resonance investigation, it was demonstrated that MgMoO_4 crystals can have one of the following spatial groups: C_{2h}^3 , C_2^3 , or $C_m(C_8^3)$. A table shows the angles which determine the position of the axes of magnetic susceptibility of the basic ionic systems with respect to the crystallographic axes. "The authors are indebted to V. N. Rodkina for aid in carrying out the measurements and to V. Ya. Ershov and G. F. Belova for their help in computer calculations." Orig. art. has: 1 figure and 3 tables

ASSOCIATION: None

SUBMITTED: 15Jan65

ENCL: 00

SUB CODE: SS, NF

NR REF SOV: 001

OTHER: 005


Card 2/2

ACC NR: AP6032958

SOURCE CODE: UR/0363/66/002/010/1905/1905

AUTHOR: Fedulov, S. A.; Tatarov, Z. I.; Shklover, L. P.; Sergeyeva, N. I.;
Antonov, G. N.; Gurevich, M. Z.

ORG: none

TITLE: Growing $\text{NaLa}(\text{MoO}_4)_2$ single crystals

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 10. 1966, 1905

TOPIC TAGS: single crystal growth, molybdate, lanthanum compound, sodium compound,
laser effect, laser optic material

ABSTRACT: $\text{NaLa}(\text{MoO}_4)_2$ single crystals were grown by Czochralski technique in a high-frequency crystallizer in view of the laser effect, previously reported in Western literature, in certain $\text{M}^{\text{I}}\text{M}^{\text{III}}(\text{MVI}\text{O}_4)_2$ type compounds, where M^{I} is an alkali metal, M^{III} a rare-earth element and MVI is W or Mo. The starting material $\text{NaLa}(\text{MoO}_4)_2 \cdot 2\text{H}_2\text{O}$ was synthesized by precipitation reaction of sodium molybdate and lanthanum nitrate in solution. Pure $\text{NaLa}(\text{MoO}_4)_2$ with $\text{MP} = 1163^\circ\text{C}$ and scheelite structure was obtained by calcining the hydrated product at 900°C . The crystals up to 60 mm long and up to 12 mm in diameter were grown from pure $\text{NaLa}(\text{MoO}_4)_2$ melt. The laser effect at a fairly low generation threshold was observed at room temperature in $\text{NaLa}(\text{MoO}_4)_2$ single crystals activated with 1 at% Nd. The generation threshold may be significantly decreased in the optically more perfect crystals. Orig. art. has: 1 figure.

SUB CODE: 20/ SUBM DATE: 04Nov65/ ORIG REF: 001/ OTH REF: 005/ ATD PRESS: 5096
Card 1/1 29/4 UDC: 548.55 [JK]

L 42301-66

EWI(m)/I/EWP(t)/ETI IJP(c) JD, JG

ACC NR: AP6028679

SOURCE CODE: UR/0181/66/008/008/2336/2339

AUTHOR: Meyl'man, M. L.; Samoylovich, M. I.; Potkin, L. I.; Sergeyeva, N. I.

ORG: none

TITLE: Electron paramagnetic resonance of gadolinium in single crystals of barium molybdate

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2336-2339

TOPIC TAGS: electron paramagnetic resonance, crystal impurity, gadolinium, barium, molybdate, ionic crystal, single crystal property

ABSTRACT: This article briefly describes methods of synthesizing single crystals of BaMoO_4 and presents the results of investigating the electron paramagnetic resonance spectrum of impurity ions Gd^{3+} in these crystals at room temperature at a frequency of about 9.3 Gc. The parameters of the spin Hamiltonian describing the energy levels of the ions Gd^{3+} and the observed resonance spectrum are found. The data obtained are compared with results of investigating the EPR spectra of gadolinium in a series of geometrically similar molybdate crystals. An investigation of the isomorphism of ions Gd^{3+} in tetragonal molybdates revealed that the observed g-factors are low-anisotropic and identical (within limits of accuracy of the experiment) in all crystals of this group. The injection of ions Gd^{3+} occurs in the same manner, un-

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Card 2/2

KOLOS KOV. S.P.; KOMAROV, A.P.; SAVVINA, A.P.; SERGEYEVA, N.M.; MOSKVICHEVA E.P.;
Prinimali uchastkiye: DAVYDOVSKAYA, N.G.; NIKITINA, R.Ya.; PILLER, Ya.Ya.

Yeast generator with self-aeration. Perm.i spirt.prom. 31 no.1:26-
28 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i
spirtovoy promyshlennosti (for all except Davydovskaya, Nikitina,
Piller). 2. Glavnyy inzh. Rakvereskogo spirtozavoda (for Piller).

SERGEYEVA, N.M.

Selecting the design of a fermenter for the subsurface cultivation
of mold fungi. Spirt.prom. 26 no.6:18-23 '60. (MIRA 13:11)
(Fermentation) (Molds (Botany))

SERGEYEVA, N.M.

Selecting the design of a fermenter for the submerged culture
of mold fungi by the submerged method. Trudy TSNIISP no.12:39-46
'62. (MIRA 17:3)

SERGEYEVA, N.M.; KALININ, A.T., kand.tekhn.nauk; NOVIKOVA, A.Ya.

Efficient liquid carburizing and cyaniding agents for thermochemical treatment. Avt. prom. 27 no. 5:35-37 My '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy tekhnologicheskii institut avtomobil'-noy promyshlennosti.

(Case hardening)

SERGEYEVA, N.M.; VINNITSKIY, A.R. (Kiyev)

Vascular reactions in ischemic neuritis under thermal stress. Vrach.
(MIRA 15:1)
delo no.12:107-108 D '61.

1. Nevrologicheskoye oblastnoy bol'nitsy i kafedra nervnykh bolezney
instituta usovershenstvovaniya vrachey (zaveduyushchiy - prof. D.I.
Panchenko).

(HEAT—PHYSIOLOGICAL EFFECT)
(CAPILLARIES)

(NEURITIS)

SECRET/LLAN M
128
PHASE I BOOK EXPLOITATION

SOV/6246

Soveshchaniye po tseolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye
(Synthetic Zeolites: Production, Investigation, and Use). Mos-
cow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady)
Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh
nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor
of Chemical Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P.
Golub'.

PURPOSE: This book is intended for scientists and engineers engaged
in the production of synthetic zeolites (molecular sieves), and
for chemists in general.

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Synthetic Zeolites: (Cont.)

SOV/6246

COVERAGE: The book is a collection of reports presented at the First Conference on Zeolites, held in Leningrad 16 through 19 March 1961 at the Leningrad Technological Institute imeni Lensovet, and is purportedly the first monograph on this subject. The reports are grouped into 3 subject areas: 1) theoretical problems of adsorption on various types of zeolites and methods for their investigation, 2) the production of zeolites, and 3) application of zeolites. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

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Dubinina, M. M. Introduction	5

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Synthetic Zeolites: (Cont.)

SOV/6246

Bark, S. Ye., N. V. Kel'tsev, I. P. Ogloblina, N. M.
Sergeyeva, M. I. Skvortsova, and N. S. Torocheshnikov.
The Application of Synthetic Zeolites as Molecular
Sieves for Preparing Protective Atmospheres

276

AVAILABLE: Library of Congress

SUBJECT: Chemical Engineering

BN/fmr/jk
3/13/63

Card 12/12 3/3

SERGEYEVA, N. M.

Changes occurring in the viscosity of mould fungi culture during growth, and their effect on the efficiency of stirring. (MIRA 16:1)
Spirt. prom. 28 no.8:4-7 '62.

1. Tsentral'nyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti.

(Fermentation)

S/020/62/147/005/021/032
B106/B186

AUTHORS: Eydus, Ya. T., Bulanova, T. F., Sergeyeva, N. S.

TITLE: Zirconium and titanium dioxides - promoters of the cobalt catalyst in the synthesis of higher hydrocarbons from carbon monoxide and hydrogen

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 5, 1962; 1105 - 1107

TEXT: The activating effect of ZrO_2 and TiO_2 on a cobalt-kieselguhr (1:1) catalyst was studied for the synthesis of higher hydrocarbons from CO and H_2 . All experiments were made in a continuous flow system at atmospheric pressure and various temperatures (20 - 30 hrs reaction time at each temperature). The initial gas mixture contained CO and H_2 at a ratio of 1:2. Fig. 1 shows the results obtained. It has been found that catalysts containing 18% TiO_2 or ZrO_2 are more active than the known catalyst with 18% ThO_2 . At optimum reaction temperatures (195°C - 210°C) of the catalyst activated with 18% TiO_2 , not merely low hydrocarbons of the type C_2-C_4 are

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Zirconium and titanium...

S/020/62/147/005/021/032
B106/B186

formed but higher hydrocarbons (from C_5 upward) at the volume ratio 0.6:1 (gasoline : oil) as compared with 18 : 1 at the optimum reaction temperature (210°C) of the non-activated catalyst, and 0.9:1 gasoline - oil ratios obtained with the catalyst activated by 18% ThO_2 . There are 1 figure and 1 table. The English-language reference is: S. Kodama, Sci. pap. Inst. Phys. Chem. Res., 14, 253 (1930).

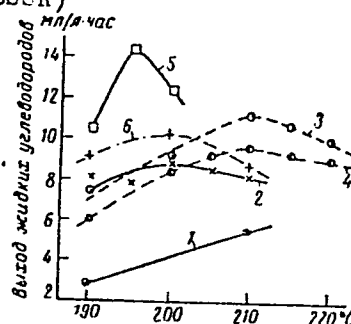
ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences USSR)

PRESENTED: August 3, 1962, by B. A. Kazanskiy, Academician

SUBMITTED: July 12, 1962

Fig. 1. Activation of Co-kieselguhr (1:1) catalyst.
Legend: Ordinate: liquid hydrocarbon yield, ml/1·hr; (1) catalyst without promoter; (2) 12% ZrO_2 ; (3) 18% ZrO_2 ; (4) 24% ZrO_2 ; (5) 18% TiO_2 ; (6) 18% ThO_2 (for comparison).

Card 2/2



BULANOVA, T.F.; EYDUS, Ya.T.; SERGEYEVA, N.S.; KHUDYAKOV, Yu.T.

Directed catalytic synthesis of solid paraffins from carbon
monoxide and hydrogen. Dokl. AN SSSR 153 no.1:101-103 N '63.
(MIRA 17:1)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN
SSSR. Predstavleno akademikom B.A. Kazanskim.

ACCESSION NR: AP4024404

S/0204/64/004/001/0061/0067

AUTHOR: Eyduş, Ya. T.; Bulanova, T. F.; Sergayeva, N. S.

TITLE: The promoting effect of zirconium dioxide on the cobalt catalyst in the synthesis of higher hydrocarbons from carbon monoxide and hydrogen at atmospheric pressure.

SOURCE: Neftekhimiya, v. 4, no. 1, 1964, 61-67

TOPIC TAGS: hydrocarbon synthesis, oxo synthesis, cobalt catalyst, zirconium dioxide, thorium dioxide, promoter, gasoline synthesis, hydrocarbon oil synthesis

ABSTRACT: The promoting effect of ZrO_2 on the cobalt catalyst on a kieselguhr carrier in the synthesis of higher hydrocarbons from CO and H_2 at atmospheric pressure was investigated in view of its similarity to ThO_2 , a known promoter. Of the preliminary catalysts investigated (Co-kieselguhr, Co-kieselguhr with ZrO_2 and Co-MgO-kieselguhr with ZrO_2), the latter, containing MgO proved most active. At 200-240 C after 300 hours operation without regeneration it still yielded 70 gm/m³ of hydrocarbons. Catalysts with various component ratios were examined; the most active found was 100Co:6ZrO₂:16MgO:200 kieselguhr. The yield varied

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ACCESSION NR: AP4024404

depending on the length of time the catalyst was used, e.g., after the first 15 hours after catalyst preparation, at 190 C for 170 hours, the yield of higher hydrocarbons was 111-125 gm/m³ with gasoline/oil ratio of 0.55; during the next 400 hours, the yield was 93.3 with 0.9 ratio. A similar catalyst prepared with ThO₂ promotor instead of ZrO₂ yielded, after the first 20 hours, 105 gm/m³ of product with gasoline/oil ratio of 0.45. Orig. art. has: 4 tables and 1 figure.

ASSOCIATION: Institut organicheskoy khimii AN SSSR im. N. D. Zelinskogo
(Institute of Organic Chemistry, AN SSSR)

SUBMITTED: 08Jan63

DATE ACQ: 17Apr64

ENCL: 00

SUB CODE: GC

NO REF SOV: 004

OTHER: 006

Card 2/2

L 36484-65 EPF(c)/EWT(m)/T Pr-4 RM

UR/0204/64/004/005/0763/0766

25
B

ACCESSION NR: AP5010563

AUTHOR: Bulanova, T. F.; Eyduş, Ya. T.; Sergeyeva, N. S.

TITLE: Promoting action of titanium dioxide on a cobalt catalyst in the reaction of synthesis of higher hydrocarbons at atmospheric pressure from carbon monoxide and hydrogen

SOURCE: Neftekhimiya, v. 4, no. 5, 1964, 763-766

TOPIC TAGS: catalysis, titanium, inorganic oxide, cobalt, hydrocarbon, organic synthetic process

Abstract: Titanium dioxide, like thorium dioxide and zirconium dioxide, was found to have a promoting action on Co-kieselguhr and Co-MgO-kieselguhr catalysts in the reaction of formation of liquid hydrocarbons from carbon monoxide and hydrogen at atmospheric pressure. Catalysts simultaneously containing TiO_2 and MgO were more active than a catalyst containing only TiO_2 . Just as in the case of promotion by ZrO_2 , a catalyst containing 100 Co:6 TiO_2 : 10 MgO:200 kieselguhr proved to be optimum. Orig. art. has 2 tables.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo AN SSSR (Institute of Organic Chemistry, AN SSSR)

SUBMITTED: 07Oct63

NO REF SOV: 005

Card 1/1

ENCL: 00
OTHER: 001

SUB CODE: CC, GC
JPRS

L 33999-65 EWT(m)/EPF(c)/EWP(j)/T Pc-4/Pr-4 RM
ACCESSION NR: AP5006079 S/0204/65/005/001/0068/0075

AUTHOR: Eyduş, Ya. T.; Bulanova, T. F.; Muzovskaya, O. A.; Sergeyeva, N. S. ²⁹₂₆ B

TITLE: Catalytic synthesis of high-molecular hydrocarbons from carbon monoxide and hydrogen in the presence of Co-MgO-kieselguhr catalysts, activated with zirconium or titanium dioxide

SOURCE: Neftekhimiya, v. 5, no. 1, 1965, 68-75

TOPIC TAGS: hydrocarbon synthesis, catalytic hydrogenation, carbon monoxide, hydrogen exchange, cobalt catalyst, magnesium oxide, kieselguhr, zirconium dioxide, titanium dioxide, paraffin synthesis

ABSTRACT: The authors studied the formation of solid paraffins by Fischer-Tropsch synthesis on zirconium- or titanium dioxide activated cobalt-magnesium oxide-kieselguhr catalysts. Catalysts having the composition 200 parts kieselguhr/100 parts Co/6-10 parts ZrO₂ or TiO₂/6-10 parts MgO were obtained by precipitation of nitrates on the kieselguhr support, reduced at 400C and 1 atm. H₂ pressure, and used as catalysts at 10 atm., 100 hr⁻¹ flow rate and a 1:2 ratio of carbon monoxide to H₂, as well as in non-continuous tests and at atmospheric pressure. Synthesis

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L 33999-65

ACCESSION NR: AP5006079

at atmospheric pressure gave primarily liquid hydrocarbons, as did synthesis on thorium-activated catalysts, while synthesis at 10 atm. gave, after a development period of 3-8 days, 100-110 g/m³ of solid paraffin waxes which contained 20-30% liquid and 70-75% solid hydrocarbons; 15-20% of the solid fraction had melting points of 106-116C. Liquid and solid reaction products were fractionated and the physical and chemical characteristics of individual fractions are given. Orig. art. has: 5 tables, 1 figure and 1 formula.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo, AN SSSR (Organic chemistry institute, AN SSSR); Tsentral'naya laboratoriya Redkinskogo opyt'nogo zavoda (Central laboratory, Redkinsk experimental plant); Komiteta khimicheskoy promyshlennosti pri Gosplane SSSR (Chemical industry committee, State planning commission, SSSR)

SUBMITTED: 28Jan64.

ENCL: 00

SUB CODE: 0C

NO REF SOV: 012

OTHER: 009

Card 2/2

GEKKER, V.D.; SERGEYEVA, N.S.; IVANOVA, L.K.

Structural studies on antigens of bacteria from the enterotypoid group by means of a specific gel precipitation method. Zhur.mikrobiol. epid.i immun. 32 no.2:61-66 F '61. (MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(SALMONELLA TYPHOSA) (ESCHERICHIA COLI)
(ANTIGENS AND ANTIBODIES)

VYGODCHIKOV, G.V.; GEKKER, V.D.; LARINA, I.A.; SERGEYEVA, N.S.;
VOROB'YEV, A.A.; SALTYKOV, R.A.

Basic principles underlying the production of polyvalent
vaccines against anaerobic and intestinal infections.
Zhur. mikrobiol., epid. i immun. 40 no.3:9-14 Mr '63.
(MIRA 17:2)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR.

VYGODCHIKOV, G.V.; VOROB'YEV, A.A.; LARINA, I.A.; LABINSKIY, A.P.;
GEYZER, V.I.; SHEVEL'EV, V.M.; SERGEYEVA, N.S.

Experimental study of the immunogenic properties of combined
anaerobic toxoids. Report No.5: Immunogenic properties of
combined polytoxoid in primary immunization of animals. Zhur.
mikrobiol., epid. i immun. 40 no.10:51-58 O '63.

(MIRA 17:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR.

100-01 EMT(1) JK
ACC NR: AP6034516

SOURCE CODE: UR/0016/66/000/010/0007/0010

AUTHOR: Stepanova, L. K.; Sergeyeva, N. S.

ORG: Institute of Epidemiology and Microbiology im. Gamaleya, AMN SSSR,
Moscow (Institut epidemiologii i mikrobiologii AMN SSSR)

TITLE: Biological properties and antigenic structure of Paratyphoid B
auxotrophs

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 10,
1966, 7-10

TOPIC TAGS: microbiology, bacteriology, paratyphoid B bacterium,
auxotroph, antigen, antigenic structure, biologic mutation

ABSTRACT: In auxotrophic mutants of paratyphoid B bacteria, antigenic
composition is often different from that of parent strains. In particu-
lar, mutants that have lost the ability to synthesize K antigen had
lowered virulence but possessed greater immunogenic properties than the
parent strain. The study of auxotrophic mutants is useful in revealing
significant changes in the metabolism, antigenic structure, and viru-
lence of pathogens. In addition to the loss of ability to synthesize
certain antigens, the loss of ability to synthesize certain basic com-

Card 1/2

UDC: 576.851.49.095.57.095.14

NOVIKOV, G.I.; SERGEYVA, N.S.; IVANOVA, N.N.; IVANOVA, Ye.I.;
SHASHIKINA, S.I.

Conditions of the genesis and development of air-mass thunder-
storms in the region of the Shosseynaya Meteorological Station.
Sbor. rab. po sinop. no.5:87-91 '60. (MIRA 14:8)

1. Meteostantsiya Shosseynaya.
(Shosseynaya region--Thunderstorms)

SERGEYEVA, N.V.

Effect of bacteria decomposing $\text{Ca}_3(\text{PO}_4)_2$ on the development of
corn. Izv. AN Mold. SSR no.7:79-88 '62. (MIRA 16:2)
(Moldavia—Soil micro-organisms)
(Corn (Maize)) (Calcium phosphates)

SERGEYEVA, N.V.

Separation and identification of fatty acids in lipids of the
spindle tree by the method of obtaining urea complexes and by
paper chromatography. Nauch.dokl.vys.shkoly; biol.nauki no.2:
157-169 '63. (MIRA 16:4)

1. Rekomendovana kafedroy organicheskoy i biologicheskoy
khimii Pyatigorskogo farmatsevticheskogo instituta.
(SPINDLE TREE) (LIPIDS) (PAPER CHROMATOGRAPHY)

SERGEYEVA, N.V.

Bacterial species decomposing tricalcium phosphate and their
physiological activity. Izv. Mold. fil. AN SSSR no. 7:66-71
'61 (MIRA 17:7)

YAKHONTOVA, L.K.: SERGEYEVA, N.Ye.

Cobalt content of calcite. Trudy Min. muz. no.8:167-169 '57.
(Cobalt) (Calcite) (MIRA 11:3)

SERGEYEVA, N.Ye.

Geochemistry of tantalum and niobium in one of the pegmatite deposits of Siberia. Vest. Mosk. un. Ser. 4: Geol. 15 no.4:29-35 J1-Ag
'60. (MIRA 13:10)

1. Kafedra mineralogii Moskovskogo universiteta.
(Siberia--Tantalum) (Siberia--Niobium)

SERGEYEVA, N.Ye.

Various components in the minerals of the columbite-tantalite
group. Vest.Mosk.un.Ser.4: Geol. 15 no.2:38-46 Mr-Ap '60.
(MIRA 14:4)

1. Kafedra mineralogii Moskovskogo universiteta.
(Columbite)

SERGEYEVA, N.Ye.; GRUDEV, A.P.

Chemical composition of magnetite. Vest. Mosk. un. Ser. 4: Geol.
19 no.4:27-36 J1-Ag '64. (MIPA 17:11)

1. Kafedra mineralogii Moskovskogo universiteta.

SERGEYEVA, O., predsedatel'.

More high-grade, attractive shoes for the people. Sov.profsoiuzy 1 no.3:
66-70 N '53. (MLRA 6:12)

1. Komitet professional'nogo soyusa Leningradskoy fabriki "Proletarskaya
pobeda" No. 2.
(Shoe industry)

ARKHANGEL'SKAYA, A.A.; LAZAREV, V.G.; ROGINSKIY, V.N.; SERGEYEVA, O.F.

Machine for the synthesis of switching circuits. Probl.pered.inform.
no.6:5-23 '60. (MIRA 13:11)
(Switching theory)

30111
S/194/61/000/007/021/079
D201/D305

16.9000 (1031, 1250, 1329)

AUTHORS: Arkhangel'skaya, A.A., Lazarev, V.G., Roginskiy, V.N.
and Sergeyeva, O.F.

TITLE: A computer for synthesizing relay-switching systems

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 7, 1961, 51-52, abstract 7 V383 (V sb. Probl.
peredachi inform., no. 6, M., AN SSSR, 1960, 5-23)

TEXT: Principles are described of the design of a computer for synthesizing relay systems as designed at the Laboratory of Information Transmission Systems of the AS USSR. The conditions which the synthesizing computer should satisfy are set at a switch panel in the form of inputs and outputs. The circuit diagram of the panel is set to test whether the given conditions can be realized and when it shows that these conditions cannot be realized, it determines the minimum number of relays which have to be used for these conditions to be realized. After this, various variants of the circuits are

Card 1/2

A computer for synthesizing...

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designed and the computer chooses the one which has the minimum number of switches or in which the given distribution of relay switches has been obtained. The device design is based on the graphical method of synthesizing switching multiple-pole networks. The final circuit is shown on a lamp register. 10 references.

[Abstracter's note: Complete translation]

✓

Card 2/2

SERGEYEVA, O. P.

Technology

Svarka nizkolegiorovannykh konstruktsionnykh stalei. Bibliograficheskii ukazatel' (Welding low-alloy construction steels; bibliographical guide). Moskva, Izd. Gos. nauchnoi biblioteki Ministerstva vysshego obrazovaniia SSSR, 1951. 24p.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

SERGEYEVA, O.S., redaktor; SYSOYEV, V.Ye., redaktor; VILLENEVA, A.V.,
tekhnikheskiy redaktor.

[Lithium; collection of translations] Litii; sbornik perevodov.
Moskva, Izd-vo inostrannoi lit-ry, 1954. 105 p. (MLRA 8:1)
(Lithium)

25-9-10/40

AUTHOR: Sergeyeva, O.V.

TITLE: Training of Bees (Dressirovka pchel)

PERIODICAL: Nauka i Zhizn', 1957, # 9, p 20 (USSR)

ABSTRACT: The article deals with the problem of pollinating plants by bees which the latter, under ordinary circumstances, dislike and avoid to visit. Scientists of the apiculture department at the Moskva Academy of Agriculture imeni K.A. Timiryazev (Moskovskaya sel'sko-khozyaystvennaya akademiya imeni K.A. Timiryazeva) discovered a method of making bees pollinate specially selected areas by feeding them with sugar syrup infused with the scent of the desired plant, e.g. - clover. When the bees have been feeding on such syrup for a certain time, they change their attitude and begin visiting clover fields they formerly disliked. This kind of training bees is possible owing to the peculiarities of the functioning of their nervous system which has been carefully studied by Soviet scientists.

AVAILABLE: Library of Congress

Card 1/1

GITMAN, Solomon Moiseyevich; SERGEYEVA, O.V., red.; ROMANOVA, Z.A..
tekhn.red.

[Bibliographic index of Soviet dermatology and venereology for
1946-1950] Bibliograficheskii ukazatel' sovetskoi dermatologii
i venerologii za 1946-1950 gg. Moskva, Gos.izd-vo med.lit-ry.
Vol.3, book 2. 1958. 398 p. (MIRA 13:7)
(BIBLIOGRAPHY--DERMATOLOGY) (BIBLIOGRAPHY--VENEREOLOGY)

ORLOV, V.N.; ZAYCHIKOV, M.V., nauchnyy sotrudnik; SERGEYEVA, O.Ya.,
nauchnyy sotrudnik

Preceding crops and tillage for winter crops in Kursk Province.
Zemledelie 25 no.8:42-46 Ag '63. (MIRA 16:10)

1. Direktor Kurskoy gosudarstvennoy sel'skokhozyaystvennoy
opytnoy stantsii (for Orlov).
(Kursk Province--Rotation of crops)
(Kursk Province--Tillage)

30987. SERGEYEVA, P.A.

Stoykost' spor plesnevogo gribka aspergillius fumigatus k bozdeystviyu
nekotory kh dezinfektsionnykh sped stv. Sbornik nauch. Trudov (Kazansk. in-t
epidemiologii i mikrobiologii) vyp. 1, 1949 (na obl: 1948), s. 145-48

SERGEYOVA, P. A., GAZIZOVA, V. E., MALYSHEV, P. M.

"A mixed infection of cattle with Q rickettsiosis and brucellosis."
p. 129

Desyatoye Soveshchaniye po parazitologicheskim problemam i
prirodnootchaynym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference
on Parasitological Problems and Diseases with Natural Foci 22-29
October 1959), Moscow-Leningrad, 1959 Academy of Medical Sciences
USSR and Academy of Sciences USSR, No. 1 254pp.

SERGEYEVA, P. A., GABISOVA, G. R., CHECHELNIITSKAYA, S. I.

"On the dissemination of Q fever in the TASSR." p. 139

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnootchazhovym bolezniam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 284pp.

Kazan Inst. Of Epidemiology and Hygiene

GAZIZOVA, G.R.; SERGEYEVA, P.A.

Mixed Q-rickettsiosis and brucellosis in cattle. Zhur. mikrobiol.
epid. i immun. 32 no.7:117-123 Je '61. (MIRA 15:5)

1. Iz Kazanskogo instituta epidemiologii i gigiyeny.
(Q FEVER) (BRUCELLOSIS IN CATTLE)
(CATTLE--DISEASES AND PESTS)

SORCHYEVA, P.A.; EVRANOVA, V.G.

Culture of the larval form of *Echinococcus granulosus* in natural
media and tissue cultures. Uch. zap. KVI 89:113-120 '62. (MIRA 18:8)

I. Kafedra parazitologii i laboratoriya kul'tury tkaney Kazanskogo
veterinarnogo instituta.

SERGEYEVA, P.A. [Serheieva, P.A.]; CHERNYAVS'KA, V.I. [Cherniavs'ka, V.I.]

Treatment of dacryocystitis in neonates depending on type of
microflora isolated from the lacrimal sac. Ped., akush. i
gin. 25 no.1:31-33'63. (MIRA-16:5)

1. Ochne viddilennya (zav.-kand.med.nauk N.I.Pil'man) spetsiali-
zovanoi klinichnoi likarni m.Kiyeva (golovniy likar T.P.Novikova).
(DACRYOCYSTITIS) (INFANTS (NEWBORN)—DISEASES)

BOGDANOV, A.I.; SERGEYEVA, P.V., SEREBRYAKOVA, T.I., redaktor; TSYPO, R.V.,
tekhnicheskii redaktor; SMIRNOVA, M.I., tekhnicheskii redaktor; YEKHKINA,
I.M., korrektor.

[Practical studies in the classification of plants; textbook for students
in teaching institutes] Prakticheskie zaniatia po sistematike rastenii;
posobie dlia studentov uchitel'skikh institutov. Moskva, Gos. uchebno-
pedagog. izd-vo, 1952. 143 p. (MLRA 6:5)

(Botany--Study and teaching)

SERGEYEV, R.

Q-3

USSR / Farm Animals, Cattle (Small)

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7183

Author : V. I. Oryel, G. I. Smolina, T. Ye. Shilina, N. V. Zhmakina,
L. I. Prihod'ko, V. I. Fedoseyeva, O. S. Shirayeva, R. Sergeyeva.

Inst : Stavropol Agricultural Institute

Title : The Effect of Full Value Protein Feeding on the Thickness of the Wool
of Soviet Merino Ewes Two to Twelve Months Old.

Orig Pub: Sb. nauchno-issled. rabot stud. Stavropol'sk. s-kh.
in-t, 1956, vyp. 4, 79-81.

Abstract: With biologically full value protein feed the active growth of wool
in young ewes occurs at the age of 2 weeks to six months.

Card 1/1

19

USSR/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1953, 82544

Author : Sergeyeva, R.M.

Inst : Chelyabsk State Pedagogical Institute

Title : Grapes in the Southern Urals

Orig Pub : Uch. zap. Chelyab. gos. ped. in-t, 1957, 3, No 1, 150-157

Abstract : More than 500 hybrid grape seedlings grow at the Chelyabinskaya Fruit and Vegetable Station. Part of them is fruitbearing. Biological characteristics of a number of seedlings and varieties are described. Variety groups are segregated according to the length of vegetation. It is pointed out that thin planting (not denser than 2.5 x 2 meters) secures better warming-through and aeration of the vines, accelerated maturing of the shoots and better fruit bearing. Two-layer covering is recommended

Card 1/2

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USSR/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82544

with the application of a layer of organic materials.
-- I.K. Fortmatov

Card 2/2

SLACHYOVA, R.M., Cand Agr Sci--(diss) "Study of the biology of vineu...
der conditions of promoting ^{the} ~~its~~ cultivation in ^{the} ~~the~~ ^{regions} of Southern
~~Transural~~ye." Chelyabinsk, 1958. 19 pp (1958-1959) of a disser-
tation submitted for defense at ~~the~~ Omsk Agr Inst in S.M. Kirov), 130 copies
(EI, 30-58, 130)

SEGREYEVA, H.^M assistant.
^

Grapes in the Urals. Nauka i pered. op. v sel'khoz. i no.3:55-57
Mr '58. (MIRA 11:3)

1. Kafedra botaniki Chelyabinskogo pedagogicheskogo instituta.
(Ural Mountain region--Viticulture)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,
p 87 (USSR) 15-57-2-1743

AUTHORS: Novin, R. B., Sergeyeva, R. T.

TITLE: A Study of the Conditions of Leaching Turquoise
(Izucheniye usloviy vyshchelachivaniya biryuzu)

PERIODICAL: Sb. nauch. tr. Gos. n.-i. in-ta tsvet. met., 1955,
Nr 10, pp 177-182

ABSTRACT: Bibliographic entry
Card 1/1

SERGEYEV, R. V.

Effect of cyanides on reduction of nitrates by denitrifying bacteria. M. V. Fedorov and R. V. Sergeeva (K. A. Timiryazev Agr. Acad., Moscow). *Doklady Akad. Nauk S.S.S.R.* 108, 1182-5 (1956).—Addn. of up to 0.001M NaCN to cultures of *Pseudomonas fluorescens* or *pyocyanea* results in good growth of the organisms in either aerobic or anaerobic conditions. The intensity of reduction of nitrates by them remains unaltered. In both instances the reduction goes to N stage as well as nitrites and NH_4 . If NH_4Cl or NH_4NO_3 is also added to the culture, the results similarly indicate that concns. of NaCN up to 0.002M do not affect the growth of the organisms and their reducing ability remains normal. However at 0.005-0.01M NaCN concn. the development of the bacteria ceased and reduction of nitrates came to a halt. The prosthetic group of the appropriate enzyme must be akin to that of cytochrome oxidase and is probably a hemin deriv. G. M. Kasalanoff

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the Central Intelligence Agency and is to be controlled
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(NWD 18412)
2. Distribution of this information is limited to authorized personnel only.

FEDOROV, M.V.; SERGEYEVA, R.V.

Effect of oxidation-reduction conditions of the medium on the rate of nitrate reduction by denitrifying bacteria [with summary in English]. Mikrobiologiya 26 no.2:137-147 Mr-Apr '57. (MIRA 10:10)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva.
(PSEUDOMONAS, culture
eff. of oxidation-reduction cond. of medium on rate of
reduction of nitrates by *P. fluorescens* & *pyocyanea* (Rus))
(NITRATES, metab.
reduction by *Pseudomonas fluorescens* & *pyocyanea*, eff.
of oxidation-reduction cond. of medium on rate (Rus))

SERGEYEVA, S.P.

Conodonts. Vest.LGU 16 no.24:151-155 '61.
(Conodonts)

(MIRA 14:12)

SERGEYEVA, S.P.

General stratigraphic significance of conodonts. Vest. LGU
17 no.12:114-116 '62. (MIRA 15:7)
(Conodonts)

SERGEYEVA, S.P.

Stratigraphic distribution of conodonts in the Lower Ordovician
of Leningrad Province. Dokl. ANSSSR 146 no.6:1393-1395 0 '62.
(MIRA 15:10)

1. Leningradskiy gosudarstvennyy universitet im. A.A.
Zhdanova. Predstavleno akademikom D.V. Malivkinym.
(Leningrad Province—Conodonts)

SERGEYEVA, S.P.

Nature and taxonomy of conodonts. Vest. LGU 18 no.12:72-78
'63. (MIRA 16:8)
(Conodonts—Classification)

SERGEYEVA, S.P.

Lower Ordovician conodonts of Leningrad Province. Paleont.
zhur. no.2:93-108 '63. (MIRA 16:8)

1. Leningradskiy gosudarstvennyy universitet.
(Leningrad Province--Conodonts)

SERGEYEVA, S.P.

New Early Ordovician conodont genus from the family Prioniodinidae.
Paleont. zhur. no.4:138-140 '63. (MIRA 17:1)

1. Leningradskiy gosudarstvennyy universitet.

SERGEYEVA, S.P.

Stratigraphic significance of Lower Ordovician conodonts in
Leningrad Province. Vest. LGU 19 no.12:56-60 '64 (MIRA 17:8)

SERGEYEVA, T.A.; FLEKSER, S.Ya.

Determining the toxicity of diphtheria bacilli on dense culture media in a pediatric hospital. Zhur. mikrobiol. epid. i immun. 31 no. 10:104-107 0 '60. (MIRA 13:12)

1. Iz Moskovskoy detskoy gorodskoy klinicheskoy bol'nitsy No. 2 imeni Rusakova.

(CORYNEBACTERIUM DIPHTHERIAE)

(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

... ..
... .. - author of a series of articles in the
... .. "... ..", devoted toward
... .. of Candidate of Technical Science. Moscow, 1958.
... .. Moscow Technological Inst. / High Industry
Inst. N. N. Kaganovich.

..., No. 13, 21 October 1955. Moscow

57 16 1 14 1 1 1 1 1
KRASNOV, K.A., kand.tekhn.nauk; SERGEYEVA, T.A., inzh.

Unjustified work duplication. Leg.prom. 16 no.10:47-48 0 '56.
(MIRA 10:12)

(Leather--Testing)

St. Petersburg, 1/1.
GOLOVASTIKOV, A.I.; SKROBYEVA, T.A.

Efficient wet grinding of sheepskins. Leg. prom. 18 no.1:38-39 Ja
'58. (MIRA 11:2)

(Fur--Dressing and dyeing)

ZUBIN, A.M., kand.biolog.nauk; KUZNETSOV, B.A., prof., doktor biolog. nauk; MOSHKOV, A.N., kand.sel'skokhoz.nauk; PURIM, Ya.A., kand. tekhn.nauk; CHATSKIY, P.I., kand.tekhn.nauk; SERGEYEVA, T.A., kand.tekhn.nauk; BARYKIN, A.M., kand.tekhn.nauk; LOSEVA, N.L., kand.tekhn.nauk [deceased]; RUMYANTSEV, M.Z., starshiy nauchnyy sotrudnik [deceased]; LAPIDUS, L.G., starshiy nauchnyy sotrudnik; FRENKEL', Ye.B., kand.tekhn.nauk; KHMEL'NITSKAYA, Ye.G., mladshiy nauchnyy sotrudnik; KATAYEV, V.P., kand.ekonom.nauk; KLYAGINA, M.I., red.; MARTYNOV, S.F., red.; MINAYEVA, T.M., red.; PLEMYANNIKOV, M.N., red.; KNAKNIN, M.T., tekhn.red.

[Manual on fur and sheep pelt garment manufacture] Spravochnik po mekhovoi i ovchinno-shubnoi promyshlennosti. Vol.2.[Raw materials. Semifinished and final products. Production technology] Syr'ye. Polufabrikaty i izdeliia. Tekhnologiya proizvodstva. 1959. 631 p. (MIRA 13:3)

1. Nauchno-issledovatel'skiy institut mekhovoy promyshlennosti (NIIMP) (for Rumyantsev, Lapidus).
(Hides and skins) (Fur--Handbooks, manuals, etc.)

SERGEYEVA, T.A., starshiy nauchnyy sotrudnik; STEPANOVA, E.I., inzh.

Improving the technology of dyeing sheep pelts for coats. Kozh.-
obuv.prom. 4 no.2:24-27 F '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut mekhovoy promyshlennosti
(for Sergeyeva).

(Fur--Dressing and dyeing)

SERGEYEVA, T.A., mladshiy nauchnyy sotrudnik

Methods for laboratory testing of herbicides. Zashch. rast. ot
vred. i bol. 8 no.2:42-43 F '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insektofungi-
sidam imeni Ya.V.Samoylova.
(Herbicides--Testing)

SERGEYEVA, T.A.

Analysis of data on bacteriological diagnosis of diphtheria during
a number of years. Lab. delo 10 no.3:190-192 '64. (MIRA 17:5)

1. Detskaya gorodskaya bol'nitsa im. Rusakova (glavnyy vrach M.M.
Kraseva), Moskva..

ZIL'BERMAN, V.I.; SERGEYEVA, T.A.

Using iso-ohm maps to study the oil and gas content of beds based
on a study of the Kachanovo Oil Field. Neftegaz. geol. i geofiz.
no.11:22-24 '64. (MIRA 18:3)

1. Trest "Kharburneftegaz".

L 1433-66 ENT(1)/EHA(j)/EHA(b)-2 RO
 UR/0286/65/000/015/0121/0121
 632.954

ACCESSION NR: AP5024420

AUTHOR: Mel'nikov, N. N.; Mandel'baum, Ya. A.; Logakina, V. I.; Stonov, L. S.
 Yakimova, N. P.; Sergeyeva, T. A.

TITLE: A method of plant-growth regulation. Class 45, No. 173535

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 121

TOPIC TAGS: defoliant, phosphonacetamide

ABSTRACT: Dialkoxyposphonacetamides can be used as defoliants to control plant growth, in conjunction with herbicides. [VS]

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy (All-Union Scientific Research Institute of Chemicals for Protection of Plants)

SUBMITTED: 14Mar64 ENCL: 00 SUB CODE: LSOC
 NO REF SOV: 000 OTHER: 000 ATD PRESS: 4700

Card 1/1 DP

ACC NR: AP6035676 (A₁N) SOURCE CODE: UR/0413/66/000/019/0025/0025

INVENTOR: Baskakov, Yu. A.; Mel'nikov, N. N.; Kozyukov, V. P.; Stonov, L. D.; Sergeyeva, T. A.

ORG: none

TITLE: Preparation of orthochlorophenyl esters of N-isopropyl- and N-sec.-butylcarbamic acids. Class 12, No. 186434 [announced by All-Union Scientific Research Institute of Chemicals for Plant Protection (Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 25

TOPIC TAGS: orthochlorophenyl isopropylcarbamate, orthochlorophenyl butylcarbamate, isopropyl formate, herbicide, *ester, carbamic acid, wheat*

ABSTRACT: In the proposed method, o-chlorophenyl N-isopropylcarbamate and o-chlorophenyl N-sec.-butylcarbamate are obtained by the reaction of o-chlorophenyl formate with isopropyl- and sec.-butylamine in water with an excess of the amine or in the presence of an equimolar amount

Card 1/2 UDC: 547.562.07

ACC NR: AP6035676

of an alkali or an organic base. These esters are used as herbicides to combat Avena fatua in wheat before or after the wheat seedlings appear. [W.A. 50]

SUB CODE: 07,06/SUBM DATE: 17Oct63

Card 2/2

SERGEYEVA, T.A.; SHAMAYEV, G.P., inzh.; SAMGIN, P.A.; SHUTOV, I.V., kand
sel'skokhoz.nauk; KALASHNIKOV, K.Ya., kand.sel'skokhoz.nauk

Questions and answers. Zashch.rast.ot vred.i bol. 7 (MIRA 15:11)
no.5:16, 41-43 My '62.

1. Nauchno-issledovatel'skiy institut po udobreniyam i insektofungi-
sidam imeni Ya.V.Samoylova (for Sergeyeva). 2. Nauchno-issledovatel'-
skiy institut lesnogo khozyaystva (for Samgin, Shutov). 3. Pushkinskaya
baza Vsesoyuznogo instituta zashchity rasteniy (for Kalashnikov).
(Plants, Protection of)

USHAKOVA, K.N.; POPOVA, A.V.; DANYUKOVA, A.V.; RADCHENKO, L.N.;
Prinimali uchastiye: SERGEYEVA, T.F., inzh.; CHUGUNOVA, V.V.,
inzh.

Preparation of acetate silk from a water-acetone solution of
acetylcellulose. Khim.volok. no.1:71-72 '63. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstven-
nogo volokna (for Ushakova, Popova, Sergeyeva). 2. Serpukhovskiy
zavod (for Danyukova). 3. Nauchno-issledovatel'skaya labora-
toriya pryadil'no-tkatskoy fabрики im. Dzerzhinskogo (for
Radchenko).

(Rayon)

(Cellulose acetates)

USHAKOVA, K.N., starshiy nauchnyy sotrudnik, kand.tekhn.nauk; SERGEYEVA, T.
F., inzh.; RYZHOVA, V.N., inzh.; BACHUKINA, F.F.

Processing of acetate filaments treated with various oils. Tekst.
prom. 24 no.1:15-19 Ja '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (VNIIV) (for Ushakova, Sergeyeva).
2. Nauchno-issledovatel'skaya laboratoriya fabriki imeni Dzerzhinskogo (for Ryzhova).
3. Zaveduyushchiy tsentral'noy laboratoriyey Naro-Fominskoy pryadil'no-tkatskoy fabriki (for Bachukina).

SMIRNOVA, L.A.; SERGEYEVA, T.I.; MEN', M.L.; BONDARYUK, A.S.; KARARLITSKAYA, Ye.A.;
DUBOVIK, V.Ye.; YAROSH, A.P.; ZELENSKAYA, G.Ye.

In memory of T. M. Stepanov. Khirurgiia, Moskva no.4:91-92 Apr 1953.
(CJML 24:4)

1. Obituary.

Sergeyeva T.I.
MATVEYEV, K.I.; BULATOVA, T.I.; SERGEYEVA, T.I.

Outbreak of botulism in minks. Veterinariia 34 no.10:53 0 '57.

(MLRA 10:11)

1. Institut epidemiologii i mikrobiologii imeni pochetnogo akademika
N.F. Gamaleya.

(Minks--Diseases and pests) (Botulism)

MATVEYEV, K.I.; BULATOVA, T.I.; SERGEYEVA, T.I.

Immunizing minks against botulism [with summary in English].
Veterinariia 35 no.8:42-46 Ag '58. (MIRA 11:9)

1. Institut epidemiologii i mikrobiologii imeni N. S. Gamaleya
AMN SSSR.

(Minks--Diseases and pests) (Botulism)

SIROTA, A.D., podpolkovnik med.sluzhby; SERGEYEVA, T.I. (Voronezh)

Diagnosis and treatment of amoebic abscess of the liver. Vrach.delo
no.10:1087-1089 0 '59. (MIRA 13:2)
(LIVER--ABSCESS)

MATVEYEV, K.I.; SERGEYEVA, T.I.

Peacetime epidemiology of tetanus in the U.S.S.R. and in foreign
countries. Zhur.mikrobiol.epid. i immun. 30 no.2:134-142 F '59.
(MIRA 12:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TETANUS, epidemiol.
world distribution in peace-time (Rus))

BULATOVA, T.I., kand.med.nauk; SITNIKOVA, N.N., nauchnyy sotrudnik;
SERGEYEVA, T.I., nauchnyy sotrudnik

Prevention and treatment of botulism. Med. sestra 20 no.6:23-26
Je '61. (MIRA 14:7)

1. Iz Institut epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN SSSR, Moskva.

(BOTULISM)

MATVEYEV, K.I.; BULATOVA, T.I.; SERGEYEVA, T.I.

Mass immunization of minks against botulism in wild animal state
breeding farms in the U.S.S.R. Zhur.mikrobiol., epid. i immun.
32 no.11:138-139 N '61. (MIRA 14:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei
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(BOTULISM--PREVENTIVE INNOCULATION) (MINKS)

IVANOVA, L.G.; SERGEYEVA, T.I.; PLOSKIREV, N.V.; SITNIKOVA, N.N.

Dry medium for the diagnosis of food poisoning caused by *Clostridium*
botulinum and *Clostridium perfringens*. Lab. dolo 8 no.4:33-36 Ap '62.
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(FOOD POISONING) (CLOSTRIDIUM)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

SERGEYEVA, T.I.

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of sick animals and in the organs of cadavers. Zhur.mikrobiol.epid.
i immun. 33 no.5:96-102 My '62. (MIRA 15:8)

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SERGEYEVA, T.I.

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the organism of sick human and animal subjects and in cadavers.
Zh. mikrobiol. 40 no.7:77-82 J1'63 (MIRA 17:1)

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IVANOVA, I.G.; SERGEYEVA, T.I.; FLOSKIREV, N.V.

Dried sprat gelatine autolysate medium for the diagnosis of food poisoning caused by *Clostridium botulinum* and *perfringens*. Zhur. mikrobiol., epid. i immun. 40 no.11:111-114 N '63.

(MIRA 17012)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

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AUTHOR: Sergeyeva, T. I.; Zemlyanitskaya, Ye. P.

TITLE: Two cases of food poisoning caused by *Cl. perfringens* type A

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 8, 1964, 131-132

TOPIC TAGS: digestive system disease, bacterial disease, toxicology, antibiotic, serum

Abstract: Two cases involving food poisoning by *Cl. perfringens* type A, their identification, and treatment are described. In the first case a 25-year old woman contracted food poisoning upon eating sausages made from deer meat. Among her symptoms were colitis, anemia, hemolysis, weakness, dulling of the senses, yellowing of the skin, sclerosis; the number of erythrocytes dropped to 2.5 million. Botulism was diagnosed. However negative results were obtained when blood and urine tests with antitoxin sera, types A, B, C, and E, were conducted. Microscopic examination of the cultured blood specimen revealed gram-positive bacilli whose morphology was characteristic for *Cl. perfringens*. The activity of the toxin amounted to

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